

IN THE CLAIMS:

1. (Withdrawn) An apparatus for controlling a brake mounted on a bicycle, said apparatus comprising:

a pump able to push fluid into a hydraulic circuit connected to the brake, wherein said pump is held inside an integrally unitary bicycle handlebar.

2. (Previously Presented) An apparatus for controlling a brake mounted on a bicycle, said apparatus comprising:

a pump able to push fluid into a hydraulic circuit connected to the brake, wherein said pump is held inside a lug connecting a handlebar to a steering stem of the bicycle.

3. (Withdrawn) The apparatus of claim 1, wherein said handlebar is of sprint race-type with two curved arms, and wherein said pump is inside each respective arm of said two arms of said handlebar.

4. (Withdrawn) The apparatus of claim 1, wherein an integral portion of said handlebar defines a connection of said handle bar being rotatably connected to a steering stem of the bicycle.

5. (Withdrawn) The apparatus of claim 1, wherein said pump comprises a piston connected to a respective control lever through an appendix of said lever.

6. (Withdrawn) The apparatus of claim 1, wherein said pump comprises a piston connected to a respective control lever through a connecting rod.

7. (Withdrawn) The apparatus of claim 3, wherein said pump comprises a piston connected to a respective control lever through an appendix of said lever.

8. (Withdrawn) The apparatus of claim 3, wherein pump comprises a piston connected to a respective control lever through a connecting rod.

9. (Withdrawn) The apparatus of claim 1, wherein said pump comprises a piston connected to a respective control lever through a relevant cable held within a sheath.

10. (Withdrawn) The apparatus of claim 1, wherein said pump comprises a piston connected to a respective control lever through a relevant cable held within a sheath; said cable being fixed to a body of said handlebar or to an integral portion associated with said handlebar, and said piston being pushed by said sheath.

11. (Withdrawn) The apparatus of claim 1, wherein said pump is connected with a reservoir held in said handlebar or in an integral portion associated with said handlebar.

12. (Withdrawn) The apparatus of claim 9, wherein a reservoir is provided with a lid

which allows said pump to be accessed from the outside.

13-20. (Cancelled).

21. (New) An apparatus according to claim 2, wherein said lug has a first distal end and a second distal end, said first distal end being rotatably connected to said single steering stem of said bicycle and said second distal end being connected to said handlebar, said lug encapsulating at least two complete sets of said pump.

22. (New) A brake controlling apparatus comprising:

a single lug with a first distal end and a second distal end, said first distal end rotatably attached to a single steering stem of a bicycle;

a handlebar with a right handle lever and a left handle lever, said handlebar being fixed to said second distal end;

a brake designed to apply friction to a wheel of said bicycle;

a hydraulic circuit having a first end and a distal second end, said first end connected to said brake; and

a right side fluid-operating pump and a left side fluid-operating pump, both said pumps being encapsulated inside said single lug, each of said pumps having a one side and another side, said one side being connected to said right and left handle levers respectively, and said another side being connected to said second end of said hydraulic circuit, said levers actuating

said pumps to push fluid into said hydraulic circuit thereby applying said brake.

23. (New) A brake-controlling apparatus according to claim 22, wherein each said pump comprises said piston connected to a respective said lever through an appendix of said lever.

24. (New) A brake controlling apparatus according to claim 22, wherein said pump comprises a piston connected to a respective said lever through a connecting rod.

25. (New) A brake controlling apparatus according to claim 22, wherein said pump comprises a piston connected to a respective said lever through a relevant cable held within a sheath.

26. (New) A brake controlling apparatus according to claim 22, wherein each said pump comprises a piston connected to a respective said lever through a relevant cable held within a sheath, said cable being fixed to the body of said handlebar and said piston being pushed by said sheath.

27. (New) A brake controlling apparatus according to claim 24, wherein a reservoir is provided with a lid which allows said piston to be accessed from the outside.

28. (New) A brake controlling apparatus according to claim 22, wherein said pump is connected with a reservoir held in said handlebar or in an integral portion associated with said handlebar.